



ASHB

Intelligent Buildings Council

**ASHB Intelligent Buildings Council (IBC)
Draft Meeting Minutes**

Thursday, November 7, 2024

12 NOON - 1:30 PM (ET) via Webinar

IBC Executive:

IBC Chair, Bob Allan (NAVCO, Inc.)

IBC Vice-Chair, Chris Larry (Exp US Services Inc.)

IBC Vice-Chair, Harsha Chandrashekar (Honeywell International Inc.)

IBC Vice-Chair, Robert Lane (Robert H. Lane & Associates Inc.)

Present:

Armstrong Monitoring, Mathew Finlay

AutomatedBuildings.com, Kelly Sinclair

bluesalve partners, Rich Bira

Carrier Corporation, Sheeladitya Karmakar

Clockworks Analytics, Nicholas Gayeski

Connectivity Standards Alliance (CSA), Kim Vaupen

Daikin Applied Americas Inc., Dan Murr

Daikin Applied Americas Inc., John Marden

Daikin Applied Americas Inc., Kevin Greiber

Daikin Applied Americas Inc., tarveen hanspal

Delta Controls, A Delta Group Company, Chris Megede

Delta Controls, A Delta Group Company, Gary harvey

DER Solutions Inc., Cameron McKay

Distech Controls Inc., An Acuity Brands company, Martin Villeneuve

Eaton, Thomas Domitrovich

Energy Management Association (EMA), Karen Shunk

Health Canada, bruce fraser

Honeywell International, Inc., Max Lopp

InSitely AI Inc., Glenn Asano

Johnson Controls, Inc., Charles Gans

Johnson Controls, Inc., Tushar Kshirsagar

Legrand North America, Changhui LU

Lynxspring, Inc., Marc Petock

Manitoba Hydro, Mark Pauls

Metrikus Ltd., Emily Vernon

Metrikus Ltd., James Palmer

METZ CONNECT USA, Inc., Hugh Daly

MOEN Inc., Jerry Fairborn

National Research Council Canada (NRC), Anca Galasiu

National Research Council Canada (NRC), Farzeen Rizvi
NIST (National Institute of Standards & Technology), Amanda Pertzborn
Northam Realty Advisors Limited, Hao Le
NorthWest Healthcare Properties REIT, Titus Ciortea
Paul Sabatier, CMU, Berangere Lartigue
QstN, LLC, Sam Mueller
Schneider Electric, Brad Bonfiglio
Schneider Electric, Shannon Kell
Schneider Electric, Wayne Stoppelmoor
Siemens Industry, Inc., Bonnie Brook
Siemens Industry, Inc., Lauren Kasuda
Siemens Industry, Inc., Michael White
Siemens Industry, Inc., Ralph Thompson
Siemens Industry, Inc., Richard Rivera
Siemens Industry, Inc., Carl Bengtsson
Southwire Company, LLC, Arturo Nunez
Southwire Company, LLC, Erika shaughnessy
tekmar Control Systems Ltd., Douglas Delange
TMA Systems, Harold Kohal
Trane Technologies, Eric Facy
Trane Technologies, James Simmons
Trane Technologies, Prajakta Surve
Unify AE, Junaid Mohioddin
Virginia Tech, Yonael Teklu
Watts Water Technologies Inc., Jay Vath
Watts Water Technologies Inc., Scott Olsen
Wood Canada Ltd., Rodel Lajada
Yau Lee Construction Company Limited / Yau Lee Holdings Ltd, Andrew Ning

1. Agenda – Greg Walker (ASHB)

Greg Walker thanked everyone for attending, outlined the agenda, and alerted everyone that the meeting was being recorded and would be made available to the industry.

2. Call to Order, Welcome, and Introduction – Marta Klopotoska (ASHB)

Marta Klopotoska greeted all attendees and announced that she would be filling in for Bob Allan, IBC Chair, who was unable to attend the meeting. She also introduced: IBC Vice-Chairs, Harsha Chandrashekar (Honeywell International, Inc.), Robert Lane (Robert H. Lane and Associates, Inc.) and Christopher Larry (Exp US Services Inc.),

3. **Administrative** – Marta Klopotoska (ASHB)

Motion to Approve Past IBC Minutes

Marta Klopotoska informed everyone that the meeting minutes from the August 13, 2024 IBC meeting were circulated and posted on the ASHB website in the IBC section: www.ashb.com/ibc.

A motion to approve the August 13, 2024, IBC minutes was moved by James Palmer (Metrikus Ltd.), and the motion was seconded by Robert Lane (Robert H. Lane & Associates Inc.). Unopposed motion passed.

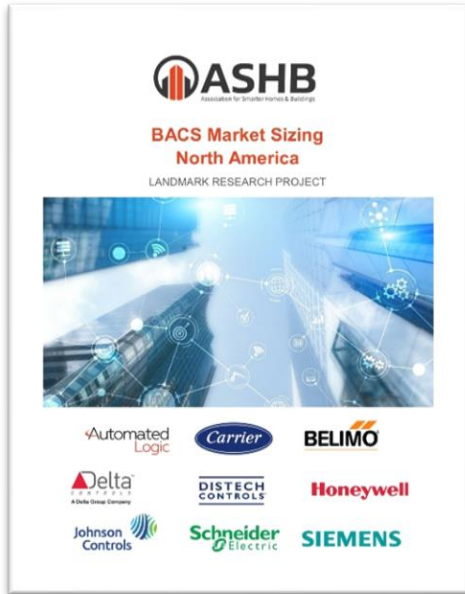
4. **Research Update** – Harsha Chandrashekar (Honeywell International Inc.) & Greg Walker (ASHB)



2024 IBC Landmark Research – Smart Building Trends & Technology Adoption

Harsha Chandrashekar (Honeywell International Inc.) gave a brief overview of Landmark Research Project titled Smart Building Trends & Technology Adoption. ASHB and Harbor Research have completed the 2024 Landmark Research Project on Smart Building Trends & Technology Adoption (valued at \$80k) with all deliverables now finalized. Results will be shared with the 16 funding organizations on November 8th, accompanied by a thank-you to these supporters. The research deliverables include a comprehensive highlights report, raw data, infographics, quarterly market tracking, an Excel-based market sizing model, and topic-specific research briefs on Data Analytics, Predictive Maintenance, and Building-as-a-Service. Additionally, a 1.5-hour webinar and

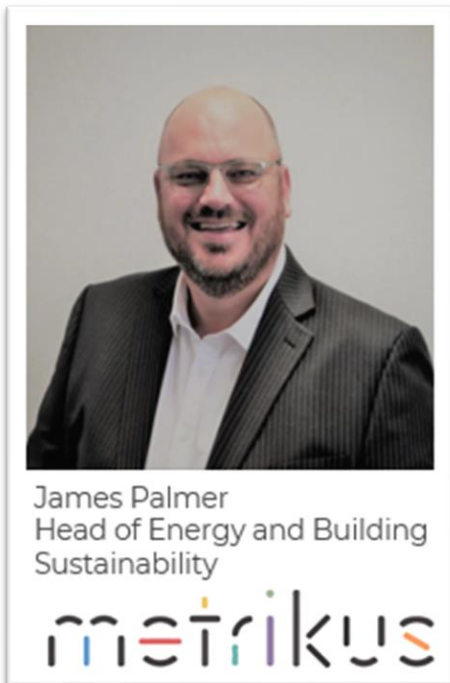
presentation summarize the project's findings. An executive summary will be available for purchase to non-funding organizations after a 4-month embargo, with further inquiries directed to ASHB at admin@ashb.com.



Annual BACS Market Sizing North America

Greg Walker gave a brief overview of this annual, invitation-only, market sizing study focusing on building automation control systems. The project will continue in 2025 and will be expanded to additional field devices and geographical areas. Ten (10) ASHB members have agreed to fund and participate in this research project:

5. **Keynote: Optimizing Building Data for Maximum Value** – Chris Larry (Exp US Services Inc.) & James Palmer (Metrikus)



Description: James Palmer share real-world examples of how smart building technology can enable companies to:

- Enhance indoor air quality and promote occupant health and well-being, such as by using automation to maintain optimal temperature levels.
- Optimize space utilization to reduce costs, such as by using historical data to inform decisions about closing certain floors on specific days.
- Decrease energy consumption, such as by automatically turning off lights in unoccupied meeting rooms.
- Improve the employee experience, such as by preventing no-show meetings from monopolizing meeting room availability.

6. **ASHB Podcast** – Robert Lane (Robert H. Lane & Associates Inc.)

Robert Lane outlined ASHB's Podcast series on [Spotify](#) and [Apple Podcasts](#). ASHB's most recent recordings released focused on AI's impact on smart buildings, the evolution of fire safety technologies, and collaborative efforts in solar energy. Contact ASHB to learn how to participate as a guest or host on a future episode admin@ashb.com.

7. **ASHB Whitepapers** – Ken Wacks (Ken Wacks Associates)

An overview was given of the IBC White Paper review process, completed IBC White Papers and papers in progress. IBC White Papers are secondary literature review articles that are approximately 10-20 pages in length. These papers are written and distributed free of charge to inform the industry. For the papers to be approved by the IBC White Paper Sub-Committee (WPSC), they must have significant technical material of relevance to IBC members. They must not contain marketing material or promote an agenda. Any ASHB member can and is encouraged to complete the [white paper proposal](#) on the ASHB website.

All completed and approved ASHB White Papers are placed in the ASHB Public Library, Members Library, ASHB NewsBrief, ASHB Twitter Feed, and ASHB LinkedIn Group and promoted at industry events. To view the IBC White Paper terms of reference, previous IBC White Papers, and additional information, please go to: www.ashb.com/whitepapers.

IBC White Paper Sub-Committee:

- Ken Wacks Associates, Kenneth Wacks
- Consultant, Steve Samson
- Frost & Sullivan, Dilip Sarangan
- National Research Council Canada (NRC), Heather Knudsen
- Sustainable Resources Management Inc., David Katz

8. **ASHB Journal** - Ken Wacks (Ken Wacks Associates)

Ken Wacks presented the ASHB Journal and urged all attendees to contribute their articles for consideration. If you're interested in submitting a proposal or an article, you can reach out to admin@ashb.com or kenn@alum.mit.edu.

9. **Other Business** – Marta Klopotoska (ASHB)

Marta Klopotoska called for new business related to future IBC Guest/Keynote presentation topics and speakers, new IBC White Papers, new research projects and meeting ideas, etc.

No new business was brought forward.

10. Announcements – Harsha Chandrashekar (Honeywell International Inc.)

Upcoming Events

[Smart Living Expo](#) - November 13-15 | Toronto, ON - ASHB is attending and has a booth at the show.

[The Buildings Show](#) - December 4-6 | Toronto, ON

[Light + Intelligent Building](#) - January 14-16 | Dubai, UAE - ASHB is attending, has a booth and will be moderating two panels

[BICSI Winter Conference & Expo](#) - February 2-6 | Kissimmee, FL

[AHR](#) - February 10-12 | Orlando, FL - ASHB is attending, has a booth, and will be presenting and moderating a panels

11. Adjournment (1:30 PM ET) – Marta Klopotoska (ASHB)

The next IBC Meeting will be held in February 2025.

=====

ASHB IBC meetings are open to ASHB Members and invited guests, and everyone is encouraged to participate. [CLICK HERE](#) for more info on the IBC, past minutes, participants, and terms of reference. Any ASHB Member that attended as a guest will be added to the IBC unless they notify the ASHB office by November 20, 2024, that their name should not be added. Non-ASHB members that attended this meeting as a guest, should contact ASHB at admin@ashb.com, to indicate if they wish to join the IBC or ASHB. [CLICK HERE](#) for more information on the ASHB Benefits and please circulate them to others in your organization.

Regards,

Greg Walker, CAE

CEO

Association for Smarter Homes & Buildings (ASHB)

Email: walker@ashb.com

Phone: 613.518.6742

Web site: www.ashb.com

Connect to what's next™